Rain Bird 1ZEHTMRP

Rain Bird 1ZEHTMRP Digital Hose End Timer & Brass Nozzle User Manual

Model: 1ZEHTMRP

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Rain Bird 1ZEHTMRP Premium Pro-Grade Electronic Digital Hose End Timer/Controller and the accompanying 2-inch Lead-Free Brass Hose End Water Nozzle. Please read this manual thoroughly before use to ensure proper function and longevity of your products.



An image showing the Rain Bird 1ZEHTMRP digital hose end timer on the left and the Rain Bird 2-inch lead-free brass hose end water nozzle on the right.

2. Product Features

2.1 Rain Bird 1ZEHTMRP Digital Hose End Timer

- Robust professional-grade digital hose-end timer.
- Designed for use with hose-end sprinklers, drip irrigation systems, and soaker hoses.
- Simple-to-set automatic programming for ease of use.
- Features 7-day scheduling capabilities.

- Sophisticated functions provide worry-free watering convenience.

2.2 Rain Bird 2-inch Lead-Free Brass Hose End Water Nozzle

- Constructed from 2-inch lead-free solid brass for durability.
- Combines fine-tuned pattern adjustment with amazing durability.
- Classic design allows adjustment of spray pattern and intensity with a simple twist of the machined textured collar.

3. Setup

3.1 Timer Setup

1. **Battery Installation:** Open the battery compartment on the back of the timer. Insert two (2) AA alkaline batteries (not included), ensuring correct polarity. Close the compartment securely.
2. **Attach to Faucet:** Thread the timer onto your outdoor faucet (spigot) by hand. Tighten firmly to prevent leaks, but do not overtighten.
3. **Attach Hose:** Connect your garden hose or drip irrigation system to the outlet of the timer.

3.2 Nozzle Setup

1. **Attach to Hose:** Thread the Rain Bird 2-inch Lead-Free Brass Hose End Water Nozzle onto the end of your garden hose.
2. **Tighten:** Hand-tighten the nozzle firmly to ensure a secure, leak-free connection.

4. Operating Instructions

4.1 Timer Operation

The timer features a large dial and intuitive buttons for programming. Rotate the dial to select the desired function.

- **SET CLOCK:** Set the current time of day. Use the arrow buttons to adjust hours and minutes.
- **START TIME:** Set the desired time for watering to begin. Multiple start times can be programmed.
- **HOW LONG:** Set the duration of each watering cycle (e.g., 10 minutes, 30 minutes).
- **HOW OFTEN:** Set the frequency of watering (e.g., every 12 hours, every 2 days, specific days of the week).
- **AUTO:** This is the automatic watering mode. Once programmed, the timer will operate according to your settings.
- **OFF:** Turns off all watering programs.
- **MANUAL:** Allows for immediate, temporary watering without affecting programmed schedules. Select MANUAL, set a duration, and press OK.
- **RAIN DELAY:** Temporarily suspends watering for a set period (e.g., 24, 48, 72 hours) in case of rain, conserving water.

4.2 Nozzle Operation

The brass nozzle offers adjustable spray patterns:

- **Adjusting Spray:** Twist the machined textured collar of the nozzle to change the spray pattern from a fine mist to a powerful jet stream.
- **Water Flow:** The water flow is controlled by your faucet.

5. Maintenance

5.1 Timer Maintenance

- **Battery Replacement:** Replace batteries annually or when the low battery indicator appears on the display.
- **Cleaning:** Periodically check the inlet screen washer for debris and clean if necessary to ensure proper water flow.
- **Winterization:** Before the first frost, disconnect the timer from the faucet and hose. Remove batteries. Store the timer indoors in a dry, protected area to prevent freezing damage.

5.2 Nozzle Maintenance

- **Cleaning:** If water flow becomes restricted, check the nozzle opening for any debris and clear it.
- **Storage:** Store the nozzle in a dry place when not in use, especially during freezing temperatures, to prevent damage.

6. Troubleshooting

- **No Water Flow:**
  - Check if the faucet is fully open.
  - Ensure batteries are installed correctly and have sufficient charge.
  - Verify the timer is set to AUTO mode or a manual cycle is initiated.
  - Check for debris in the timer's inlet screen or nozzle opening.
- **Timer Not Activating:**
  - Confirm programming (start time, duration, frequency) is correct.
  - Check battery level.
  - Ensure the dial is set to AUTO.
  - Verify that Rain Delay is not active.
- **Leaks at Connections:**
  - Ensure all connections (faucet to timer, timer to hose, hose to nozzle) are hand-tightened securely.
  - Check for damaged or missing rubber washers at connection points and replace if necessary.

7. Specifications

Attribute	Value
Brand	Rain Bird
Model Number	1ZEHTMRP
Color	Gold (Nozzle) / Green (Timer)
Number of Settings (Timer)	7 (for 7-day scheduling)
Power Source (Timer)	Battery Operated (AA)
Nozzle Material	Lead-Free Solid Brass

8. Warranty and Support

Rain Bird products are manufactured to the highest quality standards. For specific warranty information and customer support, please refer to the warranty card included with your product or visit the official Rain Bird website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may contact Rain Bird customer service directly via their official website or the contact information provided in your product packaging.

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Example: How do I reset this device or fix this error?

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